East Search

L Number	Hits	Search Text	DB	Time stamp
1	1	5873868.pn. and (thick or thickness)	USPAT	2003/12/08 08:52
2	18251	catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner	USPAT	2003/12/08 08:52
3	65454	topsheet or (top with sheet)	USPAT	2003/12/08 08:52
4	936026	thick or thickness	USPAT	2003/12/08 08:52
6	7	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (aspect with ratio))	USPAT	2003/12/08 10:28
5	1191	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness))	USPAT	2003/12/08 09:28
7	45929	non$1woven$1	USPAT	2003/12/08 09:27
8	566	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness) same non$1woven$1)	USPAT	2003/12/08 09:31
9	95	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness) same non$1woven$1 same meltblown)	USPAT	2003/12/08 09:37
10	271	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness)) and ((topsheet or (top with sheet)) same non$1woven$1 same meltblown)	USPAT	2003/12/08 10:23
11	176	((catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness)) and ((topsheet or (top with sheet)) same non$1woven$1 same meltblown)) not ((catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness) same non$1woven$1 same meltblown))	USPAT	2003/12/08 09:37
12	57	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness) same (mm or cm or micron)) and ((topsheet or (top with sheet)) same non$1woven$1 same meltblown)	USPAT	2003/12/08 10:23

13	369	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and (aspect with ratio)	USPAT	2003/12/08 10:29
14	10353	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and (aspect naer1 ratio)	USPAT	2003/12/08 10:29
15	247	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and (aspect near1 ratio)	USPAT	2003/12/08 10:35
16	243	((catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and (aspect near1 ratio)) not ((catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (aspect with ratio)))	USPAT	2003/12/08 10:29
17	42	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((aspect near1 ratio) same (hole aperture opening))	USPAT	2003/12/08 10:56
18	1	6452063.pn. and ((aspect near1 ratio) same (hole aperture opening))	USPAT	2003/12/08 12:53
19	1	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same (meltblown with microfiber))	USPAT	2003/12/08 12:55
20	416	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and (meltblown with microfiber)	USPAT	2003/12/08 13:32
21	0	("4588630" "6452063" "5873868").pn. and (meltblown with microfiber)	USPAT	2003/12/08 12:58
22	0	("4588630" "6452063" "5873868").pn. and (microfiber)	USPAT	2003/12/08 12:58
23	426	(diaper or wipe) and (meltblown with microfiber)	USPAT	2003/12/08 13:33
24	379	(diaper) and (meltblown with microfiber)	USPAT	2003/12/08 14:22
25	0	(diaper) and ((meltblown with microfiber) same (body with side with liner))	USPAT	2003/12/08 13:36
26	4	(diaper) and ((meltblown with microfiber) same (body))	USPAT	2003/12/08 13:36
27	5	(diaper) and ((meltblown with microfiber) same liner)	USPAT	2003/12/08 13:36
28	5	((diaper) and ((meltblown with microfiber) same liner)) not ((diaper) and ((meltblown with microfiber) same (body)))	USPAT	2003/12/08 13:36
29	4	(("6452063") or ("5873868") or ("5628097") or ("4588630")).PN.	USPAT	2003/12/08 14:23
-	44517	non$1woven$1	USPAT	2003/12/08 09:26
-	14542	basis adj weight	USPAT	2003/06/27 12:45
-	1504690	aperture$2 or hole or opening	USPAT	2003/12/02 13:13
-	40805	aspect with ratio	USPAT	2003/06/27 12:45
-	402809	extension or strech	USPAT	2003/12/02 13:11
-	1884	meltblown with (fiber or microfiber)	USPAT	2003/06/27 12:47

–	34	non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening) and (aspect with ratio) and (extension or strech) and (meltblown with (fiber or microfiber))	USPAT	2003/06/27 11:02
–	89	("2391621" | "2576914" | "3020178" | "3165485" | "3224926" | "3287149" | "3339550" | "3417040" | "3455778" | "3485706" | "3489148" | "3494821" | "3520842" | "3556932" | "3556933" | "3629171" | "3695269" | "3700623" | "3765997" | "3772076" | "3809089" | "3812000" | "3838692" | "3885158" | "3899388" | "3929135" | "3967623" | "3976734" | "4041951" | "4100324" | "4113911" | "4117199" | "4129528" | "4147586" | "4208459" | "4222921" | "4342314" | "4391869" | "4425130" | "4445970" | "4524474" | "4556450" | "4588457" | "4610915" | "4626254" | "4675394" | "4725473" | "4741941" | "4781710" | "4879170" | "4929495" | "4931355" | "4981557" | "5008344" | "5011864" | "5048589" | "5069548" | "5085736" | "5156902" | "5188625" | "5230776" | "5246545" | "5302382" | "5348620" | "5368910" | "5389202" | "5399412" | "5411636" | "5423788" | "5429686" | "5431643" | "5437653" | "5454801" | "5478335" | "5491190" | "5492598" | "5501768" | "5516572" | "5536555" | "5552020" | "5562645" | "5591306" | "5591309" | "5598643" | "5601871" | "5635191" | "5653930" | "5667636" | "5670110").PN.	USPAT	2003/06/27 11:12
–	70	("2834809" | "2867560" | "2877765" | "2896618" | "2908064" | "2923298" | "3236238" | "3276944" | "3307545" | "3338992" | "3341394" | "3423266" | "3466212" | "3502538" | "3502763" | "3542615" | "3543750" | "3687797" | "3692618" | "3802817" | "3814101" | "3849241" | "3886941" | "3929135" | "3949127" | "3965906" | "3967623" | "4041951" | "4321924" | "4327730" | "4340563" | "4446189" | "4469735" | "4525407" | "4573989" | "4606964" | "4626254" | "4652487" | "4657802" | "4668566" | "4690679" | "4692368" | "4720415" | "4725473" | "4761324" | "4781966" | "4798604" | "4801494" | "4834738" | "4842596" | "4847134" | "4880682" | "4891258" | "4902553" | "4908026" | "4916005" | "4935287" | "4981747" | "5057361" | "5078710" | "5089075" | "5114781" | "5135521" | "5143679" | "5151314" | "5188625" | "5208098" | "5244716" | "5248309" | "5264268").PN.	USPAT	2003/06/27 11:17
–	467574	extension or strech or elongation	USPAT	2003/06/27 12:38
–	850593	extension or strech or elongat$5	USPAT	2003/06/27 12:39
–	29387	aspect adj ratio	USPAT	2003/06/27 12:39
–	44517	non$1woven$1	USPAT	2003/06/27 12:45
–	14542	basis adj weight	USPAT	2003/06/27 12:45
–	1518358	aperture$2 or hole or opening or perforation	USPAT	2003/06/27 12:46
–	29387	aspect adj ratio	USPAT	2003/06/27 12:46
–	850905	extension or strech$5 or elongat$5	USPAT	2003/06/27 13:04
–	1884	meltblown with (fiber or microfiber)	USPAT	2003/06/27 12:54

-	42	non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and (aspect adj ratio) and (extension or strech$5 or elongat$5) and (meltblown with (fiber or microfiber))	USPAT	2003/06/27 12:54
-	2382	meltblown	USPAT	2003/06/27 12:54
-	990	non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and (extension or strech$5 or elongat$5) and meltblown	USPAT	2003/06/27 13:04
-	586619	elongat$5	USPAT	2003/06/27 13:04
-	849	non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and elongat$5 and meltblown	USPAT	2003/06/27 13:05
-	491498	elongation or elongated	USPAT	2003/06/27 13:04
-	787	non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and (elongation or elongated) and meltblown	USPAT	2003/06/27 13:45
-	12	("3772417" | "3795571" | "3949127" | "3978185" | "4041203" | "4048364" | "4107364" | "4187343" | "4223059" | "4276336" | "4307143" | "4324752").PN.	USPAT	2003/06/27 13:07
-	70	4443513.URPN.	USPAT	2003/06/27 13:07
-	12	("3695985" | "3770562" | "3793133" | "4013816" | "4041203" | "4275105" | "4287251" | "4411660" | "4606964" | "4650481" | "4655760" | "4720415").PN.	USPAT	2003/06/27 13:39
-	75	4847134.URPN.	USPAT	2003/06/27 13:40
-	46	(non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and (elongation or elongated) and meltblown) and 4847134.URPN.	USPAT	2003/06/27 14:14
-	13	("3695985" | "3770562" | "3793133" | "4013816" | "4041203" | "4050462" | "4275105" | "4287251" | "4411660" | "4606964" | "4650481" | "4655760" | "4720415").PN.	USPAT	2003/06/27 13:53
-	59	4891258.URPN.	USPAT	2003/06/27 13:53
-	67	("Re31601" | "2862251" | "3033721" | "3068547" | "3129466" | "3214819" | "3276944" | "3338992" | "3341394" | "3434188" | "3485706" | "3493462" | "3494821" | "3498874" | "3502538" | "3502763" | "3508308" | "3509009" | "3542615" | "3563241" | "3595245" | "3620903" | "3676242" | "3683921" | "3692618" | "3704198" | "3715251" | "3769659" | "3787932" | "3800364" | "3815602" | "3837046" | "3855046" | "4041203" | "4152480" | "4166877" | "4190695" | "4251581" | "4297404" | "4302495" | "4334340" | "4405297" | "4410579" | "4426420" | "4426421" | "4442161" | "4476186" | "4514455" | "4532173" | "4537819" | "4548628" | "4585449" | "4591513" | "4636419" | "4637819" | "4681801" | "4704112" | "4753834" | "4775579" | "4808467" | "4812112" | "4818594" | "4879170" | "4902564" | "4931355" | "4939016" | "4950531").PN.	USPAT	2003/06/27 14:12
-	7	5369858.URPN.	USPAT	2003/06/27 14:13
-	4	(non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and (elongation or elongated) and meltblown) and 5369858.URPN.	USPAT	2003/06/27 14:31
-	1	5369858.pn. and ((aperture$2 or hole or opening or perforation) same (size or diameter or length))	USPAT	2003/06/27 15:17
-	102526	(cross adj machine adj direction) or CD	USPAT	2003/06/27 15:18

-	2529	(extension or strech$5 or elongat$5) same ((cross adj machine adj direction) or CD)	USPAT	2003/06/27 15:19
-	6	(((extension or strech$5 or elongat$5) same ((cross adj machine adj direction) or CD)) and non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and meltblown) and (aspect adj ratio)	USPAT	2003/06/27 15:20
-	224	((extension or strech$5 or elongat$5) same ((cross adj machine adj direction) or CD)) and non$1woven$1 and (basis adj weight) and (aperture$2 or hole or opening or perforation) and meltblown	USPAT	2003/06/27 15:22
-	4	(high with CD with elongation with nonwoven).ti.	USPAT	2003/06/27 15:42
-	11272	diaper or (sanitary adj napkin)	USPAT	2003/06/27 15:44
-	1951	topsheet	USPAT	2003/06/27 15:44
-	495639	(aperture$2 or hole or opening or perforation) same (radius diamter size length)	USPAT	2003/06/27 15:46
-	848	(diaper or (sanitary adj napkin)) and topsheet and ((aperture$2 or hole or opening or perforation) same (radius diamter size length))	USPAT	2003/06/27 15:54
-	1950	(aperture$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio)	USPAT	2003/06/27 15:59
-	2	(diaper or (sanitary adj napkin)) and topsheet and ((aperture$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio))	USPAT	2003/06/27 15:47
-	10	((aperture$2 or hole or opening or perforation) same (aspect adj ratio)) and (diaper or (sanitary adj napkin)) and topsheet	USPAT	2003/06/27 16:53
-	36166	(aperture$2 or hole or opening or perforation) same (radius diamter size length) same mm$7	USPAT	2003/06/27 15:57
-	530	((aperture$2 or hole) same (radius diamter size area)) and (diaper or (sanitary adj napkin)) and topsheet	USPAT	2003/06/27 16:03
-	343	((aperture$2 or hole) same (radius diamter size)) and (diaper or (sanitary adj napkin)) and topsheet	USPAT	2003/06/27 16:09
-	381	((aperture$2 or hole) same (radius diameter)) and (diaper or (sanitary adj napkin)) and topsheet	USPAT	2003/06/27 16:23
-	1	((aperture$2 or hole) same (radius diameter)) and 4892528.pn.	USPAT	2003/06/27 16:27
-	1	(aspect adj ratio) and 5941864.pn.	USPAT	2003/06/27 16:45
-	2	thickness and ("4892528" "5369858").pn.	USPAT	2003/06/27 16:46
-	58	ASTM with ((D with "1682-64") or "D168264")	USPAT	2003/06/27 16:54
-	35	(ASTM with ((D with "1682-64") or "D168264")) and load$5	USPAT	2003/06/27 16:56
-	25	(ASTM with ((D with "1682-64") or "D168264")) same load$5	USPAT	2003/06/27 17:25
-	2	(("5369858") or ("4892528")).PN.	USPAT	2003/06/27 17:25
-	1	5369858.pn. and elongation	USPAT	2003/06/27 17:59
-	45867	non$1woven$1	USPAT	2003/12/01 12:18
-	975158	aperture or hole	USPAT	2003/12/01 12:19
-	30910	aspect adj ratio	USPAT	2003/12/01 12:19
-	2483	cross with direction with (load or loading)	USPAT	2003/12/01 12:22
-	3	non$1woven$1 and (aperture or hole) and (aspect adj ratio) and (cross with direction with (load or loading))	USPAT	2003/12/01 12:22
-	78	non$1woven$1 and (aperture or hole) and (cross with direction with (load or loading))	USPAT	2003/12/01 12:48

–	17	non$1woven$1 and (aperture or hole) and (cross with direction with (load or loading) with "10")	USPAT	2003/12/01 12:39
–	178	cross with direction with (load or loading) with "10"	USPAT	2003/12/01 12:39
–	17	non$1woven$1 and (aperture or hole) and (non$1woven$1 and (aperture or hole) and (cross with direction with (load or loading) with "10"))	USPAT	2003/12/01 12:51
–	339	(extensibility or elongate) same (tensile with load)	USPAT	2003/12/01 12:51
–	9	non$1woven$1 and (aperture or hole) and ((extensibility or elongate) same (tensile with load))	USPAT	2003/12/01 12:51
–	45929	non$1woven$1	USPAT	2003/12/02 13:11
–	412536	extension or strech	USPAT	2003/12/02 13:19
–	1540369	aperture$2 or hole or opening	USPAT	2003/12/02 13:41
–	436	(extension or strech) with cross with load$5	USPAT	2003/12/02 13:20
→	3	non$1woven$1 and (aperture$2 or hole or opening) and ((extension or strech) with cross with load$5)	USPAT	2003/12/02 13:19
–	12599	tensile with load	USPAT	2003/12/02 13:19
–	515921	extension or strech or elongate or extensibility	USPAT	2003/12/02 13:42
–	8251	cross with machine with direction	USPAT	2003/12/02 13:20
–	22	(tensile with load) same (extension or strech or elongate or extensibility) same (cross with machine with direction)	USPAT	2003/12/02 13:20
–	18	non$1woven$1 and (aperture$2 or hole or opening) and ((tensile with load) same (extension or strech or elongate or extensibility) same (cross with machine with direction))	USPAT	2003/12/02 13:21
–	1569857	aperture$2 or hole or opening or perforat$5	USPAT	2003/12/02 13:41
–	412457	extension	USPAT	2003/12/02 13:42
–	86	(non$1woven$1 with (cross with machine with direction)) and extension and (aperture$2 or hole or opening or perforat$5)	USPAT	2003/12/02 13:45
–	26	non$1woven$1 and (extension with (cross with machine with direction)) and (aperture$2 or hole or opening or perforat$5)	USPAT	2003/12/02 13:59
–	11	("2924852" | "3047444" | "3478141" | "3542634" | "3917785" | "3920874" | "3949127" | "3953566" | "4005169" | "4262049" | "4265954").PN.	USPAT	2003/12/02 13:54
–	45	4588630.URPN.	USPAT	2003/12/02 13:54
–	18251	catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner	USPAT	2003/12/08 08:51
–	65454	topsheet or (top with sheet)	USPAT	2003/12/08 08:52
–	875475	extensible or extensibility or elongate or elongation or elongated or extension	USPAT	2003/12/05 17:05
–	8251	cross with machine with direction	USPAT	2003/12/05 17:05
–	45929	non$1woven$1	USPAT	2003/12/05 17:06
–	52	(catamenial or diaper or incontinen$4 or (sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad)) or pantiliner) and ((topsheet or (top with sheet)) same non$1woven$1) and ((topsheet or (top with sheet)) same (extensible or extensibility or elongate or elongation or elongated or extension) same (cross with machine with direction))	USPAT	2003/12/05 17:06